

# DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

Atty. Docket No. UOM 0212 PUSP  
First Named Inventor John R. Clark, et al.

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## MICROMECHANICAL RESONATOR DEVICE AND MICROMECHANICAL DEVICE UTILIZING SAME

the specification of which:

[ ] is attached hereto; or  
[ X ] was filed on (MM/DD/YYYY) 08/23/01 as U.S. Application Number or PCT International Application Number \_\_\_\_\_, and was amended on (MM/DD/YYYY) \_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

<i>Prior Foreign Application Number(s)</i>	<i>Country</i>	<i>Foreign Priority Date (MM/DD/YYYY)</i>	<i>Priority Not Claimed</i>	<i>Certified Copy Attached? (Yes/No)</i>

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

<i>Application Number(s)</i>	<i>Filing Date (MM/DD/YYYY)</i>
60/227,505	08/24/2000
60/227,507	08/24/2000

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

<i>Application Number(s)</i>	<i>Filing Date (MM/DD/YYYY)</i>	<i>Status: Patented, Pending, Abandoned</i>

**Declaration for Patent Application (cont'd.)**Atty. Docket No. UOM 0212 PUSP

I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Ernie L. Brooks, Reg. No. 26,260; James A. Kushman, Reg. No. 25,634; David R. Syrowik, Reg. No. 27,956; Mark A. Cantor, Reg. No. 30,614; Ralph M. Burton, Reg. No. 17,748; Robert C.J. Tuttle, Reg. No. 27,962; Earl J. LaFontaine, Reg. No. 30,766; Ronald M. Nabozny, Reg. No. 28,648; Thomas A. Lewry, Reg. No. 30,770; John E. Nemazi, Reg. No. 30,876; Kevin J. Heintz, Reg. No. 29,805; William G. Abbatt, Reg. No. 31,936; Donald J. Harrington, Reg. No. 17,427; Frederick M. Ritchie, Reg. No. 18,669; Robert C. Brandenburg, Reg. No. 29,048; A. Frank Duke, Reg. No. 20,937; John M. Halan, Reg. No. 35,534; Jeffrey M. Szuma, Reg. No. 35,700; James R. Ignatowski, Reg. No. 26,741; Frank A. Angileri, Reg. No. 36,733; William G. Conger, Reg. No. 31,209; Sangeeta G. Shah, Reg. No. 38,614; Christopher W. Quinn, Reg. No. 38,274; Robert C. Jones, Reg. No. 35,209; David S. Bir, Reg. No. 38,383; James N. Kallis, Reg. No. 41,102; Hugo A. Delevie, Reg. No. 32,688; Ralph E. Smith, Reg. No. 35,474; Michael S. Brodbine, Reg. No. 38,392; Jeremy J. Curcuri, Reg. No. 42,454; Mark D. Chuey, Reg. No. 42,415; Pete N. Kioussis, Reg. No. 41,117; Stephanie M. Mansfield, Reg. No. 43,773; Mark E. Stuenkel, Reg. No. 44,364; Matthew R. Mowers, Reg. No. 44,956; Lawrence G. Almeda, Reg. No. 46,151; Ginta Kukainis, Reg. No. 46,082; Seth E. Rodack, Reg. No. 45,622; Matthew M. Jakubowski, Reg. No. 44,801; Marc Lorelli, Reg. No. 43,759; John S. Le Roy, Reg. No. P-48,158; Thomas W. Cunningham, Reg. No. P-48,722; John D. Russell, Reg. No. 47,048.

Address all correspondence and telephone calls to David R. Syrowik  
at Brooks & Kushman P.C., 1000 Town Center, Twenty-Second Floor, Southfield, Michigan 48075, (248) 358-4400.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Full Name of Sole or First Inventor** JOHN R. CLARK

Inventor's signature John R. Clark Date 10/24/01

Mailing address Same as below

Residence 23220 Sagebrush, Novi, Michigan 48375 Citizenship U.S.A.

**Full Name of Second Joint Inventor** CLARK T.-C. NGUYEN

Inventor's signature Clark T.C. Nguyen Date 10/24/01

Mailing address Same as below

Residence 3000 Whisperwood Drive, No. 302, Ann Arbor, Michigan Citizenship U.S.A.

**Full Name of Third Joint Inventor** \_\_\_\_\_

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Mailing address \_\_\_\_\_

Residence \_\_\_\_\_ Citizenship \_\_\_\_\_

**Full Name of Fourth Joint Inventor** \_\_\_\_\_

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Mailing address \_\_\_\_\_

Residence \_\_\_\_\_ Citizenship \_\_\_\_\_

01-28-2002

FORM PTO-1595  
(Modified)

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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

101960568

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

John R. Clark and Clark T.-C. Nguyen

1-16-02

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: October 24, 2001

## 2. Name and address of receiving party(ies):

Name: The Regents of the University of Michigan

Internal Address: \_\_\_\_\_

Street Address: 3003 S. State StreetCity: Ann Arbor State: MI Zip: 48109Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

## A. Patent Application No.(s)

09/938,358

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David R. SyrowikAddress: Brooks & Kushman P.C.1000 Town Center, Twenty-Second FloorCity: Southfield State: MI ZIP: 480756. Total number of applications and patents involved: 17. Total Fee (37 C.F.R. § 1.21(h)) .....\$ 40.00☒ Enclosed☐ Authorized to be charged to Deposit Account

Deposit Account Number: \_\_\_\_\_

(Attach duplicate copy of this page if paying by Deposit Account)

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

David R. Syrowik

Name of Person Signing

Signature

November 21, 2001

Date

Total number of pages including cover sheet, attachments, and document: 3

**ASSIGNMENT**

For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, we John R. Clark and Clark T.-C. Nguyen, of 23220 Sagebrush, Novi, Michigan 48375 and 3000 Whisperwood Drive, No. 302, Ann Arbor, Michigan 48105, respectively, do hereby assign, sell and set over to The Regents of the University of Michigan, a non-profit organization organized and existing under the laws of the State of Michigan and having a place of business at 3003 S. State Street, Ann Arbor, Michigan 48109, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in

**MICROMECHANICAL RESONATOR DEVICE AND  
MICROMECHANICAL DEVICE UTILIZING SAME**

set forth in the application for United States Letters Patent executed by us on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, and on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, respectively; or

for which an application for a United States Patent was filed on August 23, 2001, Application No. 09/938,358 (we hereby authorize our attorney to insert the application filing date and number when they become known),

including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in our names, at its or their election, and we hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority in and to said inventions and discoveries in all countries, including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.

And we hereby agree for ourselves, our heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.

And we hereby represent and warrant that we have not granted any rights inconsistent with the rights granted herein.

Date: 10/24, 2001

John R. Clark  
JOHN R. CLARK

Date: 10/24, 2001

Clark T.-C. Nguyen  
CLARK T.-C. NGUYEN

STATE OF MICHIGAN     )  
                                      ) ss.  
COUNTY OF Washtenaw )

On this 24<sup>th</sup> day of October, 2001, personally appeared before me John R. Clark, to me known to be the person named in and who executed the above instrument, and acknowledged that he executed the same for the uses and purposes therein mentioned.

Karen R. Liska  
Notary Public  
My Commission expires: 07-17-07

(SEAL)

**KAREN R. LISKA**  
Notary Public, Washtenaw County, MI  
My Commission Expires July 17, 2002

STATE OF MICHIGAN     )  
                                      ) ss.  
COUNTY OF Washtenaw )

On this 24<sup>th</sup> day of October, 2001, personally appeared before me Clark T.-C. Nguyen, to me known to be the person named in and who executed the above instrument, and acknowledged that he executed the same for the uses and purposes therein mentioned.

Karen R. Liska  
Notary Public  
My Commission expires: 7-17-07

(SEAL)

**KAREN R. LISKA**  
Notary Public, Washtenaw County, MI  
My Commission Expires July 17, 2002